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IB - 333/63

20 November 1963

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MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

ATTENTION :

THROUGH :

FROM :

SUBJECT :

Chief, CIA/PID (NPIC)

K'un-ming Arsenal Complex

REFERENCES :

- (1) ORR Requirement No. C-RR3-80,522/63  
 (2) CIA/PID Project No. C 1420-63

1. This memorandum is in response to the above referenced requirement which requests a layout, description and annotated enlargements of the Arsenal Complex in K'un-ming, Communist China.

2. In the city of K'un-ming and the surrounding vicinity eight Industrial Plants, that are possible Arsenals, have been found.

provided comparative photographic coverage. These installations were located and identified by using descriptive collateral material in conjunction with photo interpretation. Enlargements of each plant area have been enclosed with this memorandum and a description of them can be found in the text below.

3. The Arsenals have been located on the enclosed map (CIA/PID/IB-P-716/63) and each given a letter designation which is referenced to the corresponding photo enlargement and textual description of each area. The numerical annotations on the enlargements are discussed in the following text.

#### 4. Plant Area "A" - CIA/PID/IB-P-717/63

In this area Plant No. 298, an Optics Arsenal, and Plant No. 356, a Small Arms Arsenal, are reported (CIA Information Report dated 26 September 1961) to be located. Plant No. 356 is situated in a valley and consists of three large, double bay monitor roof buildings (Annotation No. 1), numerous caves (Annotation No. 2) and many smaller Industrial Buildings (Annotation No. 3). The

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smallest of the large monitor roof buildings (Annotation No. 4) and a possible Steam Plant (Annotation No. 5) have been constructed since 1959. A large residential and administration area (Annotation No. 6) is associated with this Plant.

The location of Plant No. 298 can not be precisely determined, however it is in the area south of Plant No. 356. It probably occupies the large multi-story and monitor-roof buildings (Annotation No. 7) adjacent to a residential area southeast of Plant No. 356. A new multi-story building (Annotation No. 8) and a new furnace building (Annotation No. 9) have been constructed since 1959. It is also possible that this Arsenal is located or includes either of the new Industrial Complexes (Annotation No. 10) to the west.

5. Plant Area "B" - CIA/PID/IB-P-718/63

Plant Area "B" has been described in the Department of the Army Intelligence Report No. [ ] dated 23 August 1962. It was called an Explosives Complex consisting of the following four areas:

1. Area "A" - Headquarters and barracks area (Annotation No. 1)
2. Area "B" - Storage area (Annotation No. 2)
3. Area "C" - Headquarters and barracks area (Annotation No. 3)
4. Area "D" - Probable explosives processing area (Annotation No. 4)

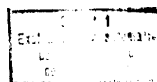
West of this complex there are possible storage or processing buildings (Annotation No. 5) which could be associated with it. The product manufactured or stored in this complex, as yet, can not be determined.

6. Plant Area "C" - CIA/PID/IB-P-719/63

A possible Arsenal, with the name of "Yunnan Military Ordnance Plant", was described in the CIA Information Report [ ] dated 26 September 1961. The Plant best fitting the description given in this report is shown (Annotation No. 1) on the above referenced graphic. The front of this Plant is set back from the road going west from K'un-ming (Burma Road, Annotation No. 2) and the back of it is adjacent to a rail line (Annotation No. 3). The Plant consists of one large building with three bays, which has been added since [ ] and numerous, smaller, single story buildings. The buildings appear to be the type that could be used for machine shops, light fabrication and storage. The actual processes conducted in them can not be determined.

7. Plant Area "D" - CIA/PID/IB-P-720/63

This Plant area is reported (CIA Report [ ] dated 30 January 1957) to contain the Yunnan Machine Factory and Automobile Unit. The Factory (Annotation No. 1) supposedly makes machine guns



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and small arms and the Automobile Unit (Annotation No. 2) transports them. Large dormitory facilities (Annotation No. 3) are associated with both of these installations. The Factory contains three, large, multi-bay, monitor roofed building and numerous smaller buildings. Two of the smaller buildings (Annotation No. 4) probably contain foundry, forging or heat treating equipment. One of these buildings (Annotation No. 5, see inset) has been expanded since [redacted]. This Factory could contain the equipment necessary to manufacture small arms. A firing range (Annotation No. 6) is situated north of the Automobile Unit. This facility could be used both in the testing of new weapons and in the training of military personnel.

8. Plant Area "E" - CIA/PID/IB-P-721/63

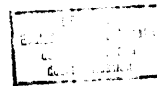
Air Intelligence Report [redacted] dated 23 January 1961, describes an Arsenal located outside the "west gate" of K'un-ming. This is possibly the 101<sup>st</sup> Arsenal. The AMS Town Plan of K'un-ming, dated [redacted] shows an Arsenal inside the "west gate" (Annotation No. 1) and this is probably a more precise location for the Arsenal described above. This area contains many buildings which could contain the necessary equipment to manufacture small arms but it is not possible to determine whether they are used for this type of production. Since 1959 three large stacks, which were located in the center of this area (Annotation No. 2), have been removed. This could indicate that the building use has changed and that the Arsenal has been removed.

9. Plant Area "F" - CIA/PID/IB-P-722/63

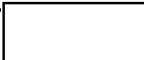
The AMS Town Plan of K'un-ming, dated January 1958, located an Arsenal in the southwest outskirts of the city. This Plant (Annotation No. 1) is shown on the above referenced graphic. No other reference could be found to this Plant in the available collateral material. The Plant contains two large industrial buildings and many smaller ones. A few housing units (Annotation No. 2, see inset), a small Furnace or Steam Plant (Annotation No. 3, see inset) and a single bay, monitor roof building (Annotation No. 4, see inset) have been constructed since [redacted]. The product made here can not be determined, therefore, it is not possible to verify or deny that this Plant is an Arsenal.

10. Plant Area "G" - CIA/PID/IB-P-723/63

Plant Area "G" is reported to contain Plant No. 403 (CIA Information Report [redacted] dated 26 September 1961), which repairs motor vehicles, such as jeeps, trucks, and possibly tanks. The photography shows that this area contains a light fabrication Plant which is partly under construction (Annotation No. 1), a possible Motor Pool (Annotation No. 2), a Driver Training Facility (Annotation No. 3) and a Motor Vehicle Repair Facility (Annotation No. 4). This Plant probably serves only as a



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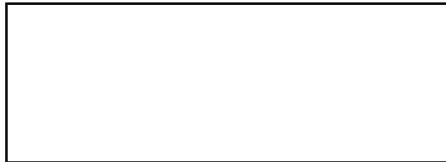
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repair facility and does no vehicle assembly. Many trucks and some buses and jeeps are parked in the yard associated with this facility. No tanks were observed in the area; however, this facility probably could repair tanks if they were required to.

11. The analyst on this project was [redacted] who may be contacted on extension [redacted] should you have any further questions concerning this project. This is considered a complete answer to the Requirement.

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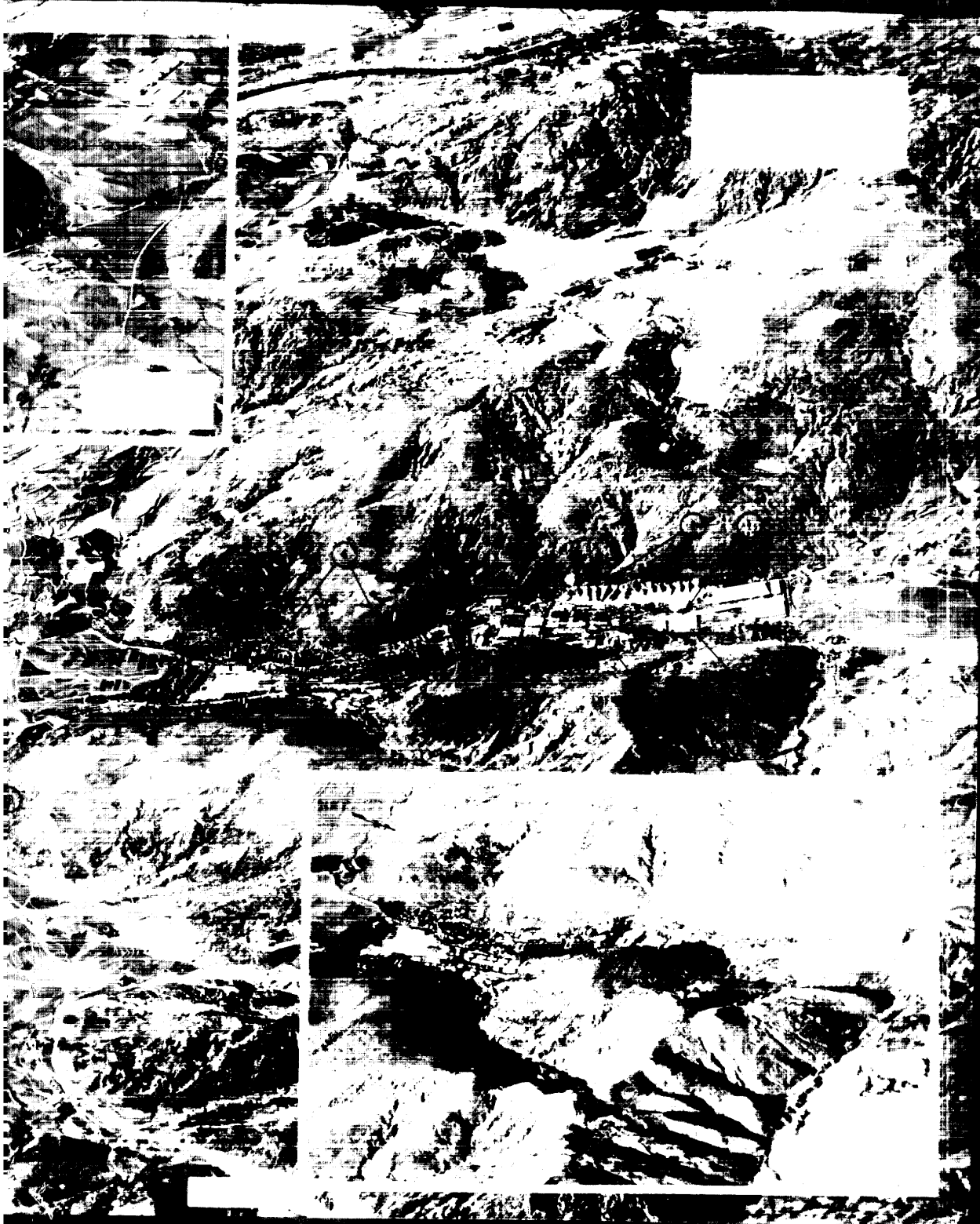


Enclosures:

- 1 Annotated Map (CIA/PID/IB-P-716/63)
- 7 Annotated Photo Enlargements (CIA/PID/IB-P-717 through 723/63)

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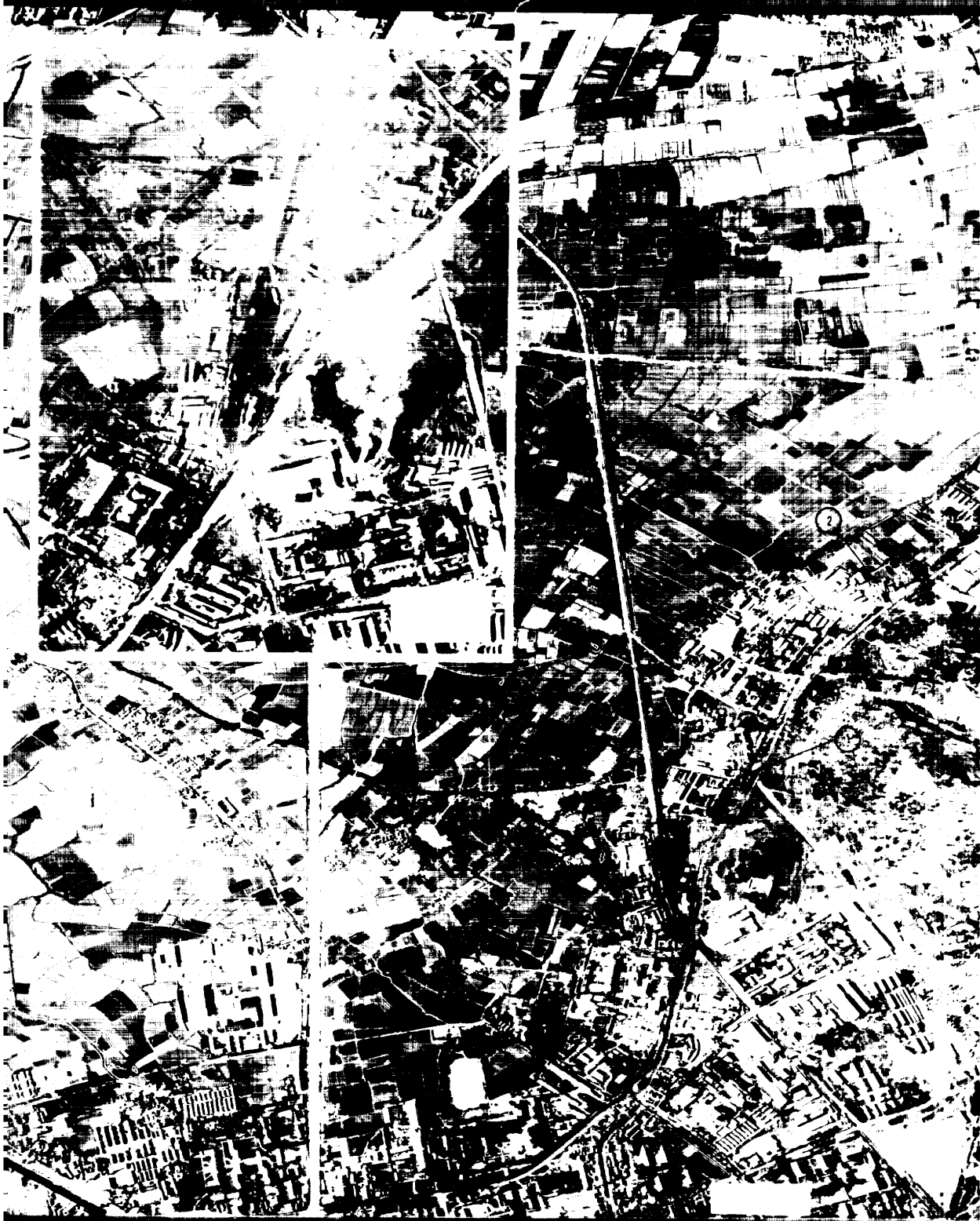


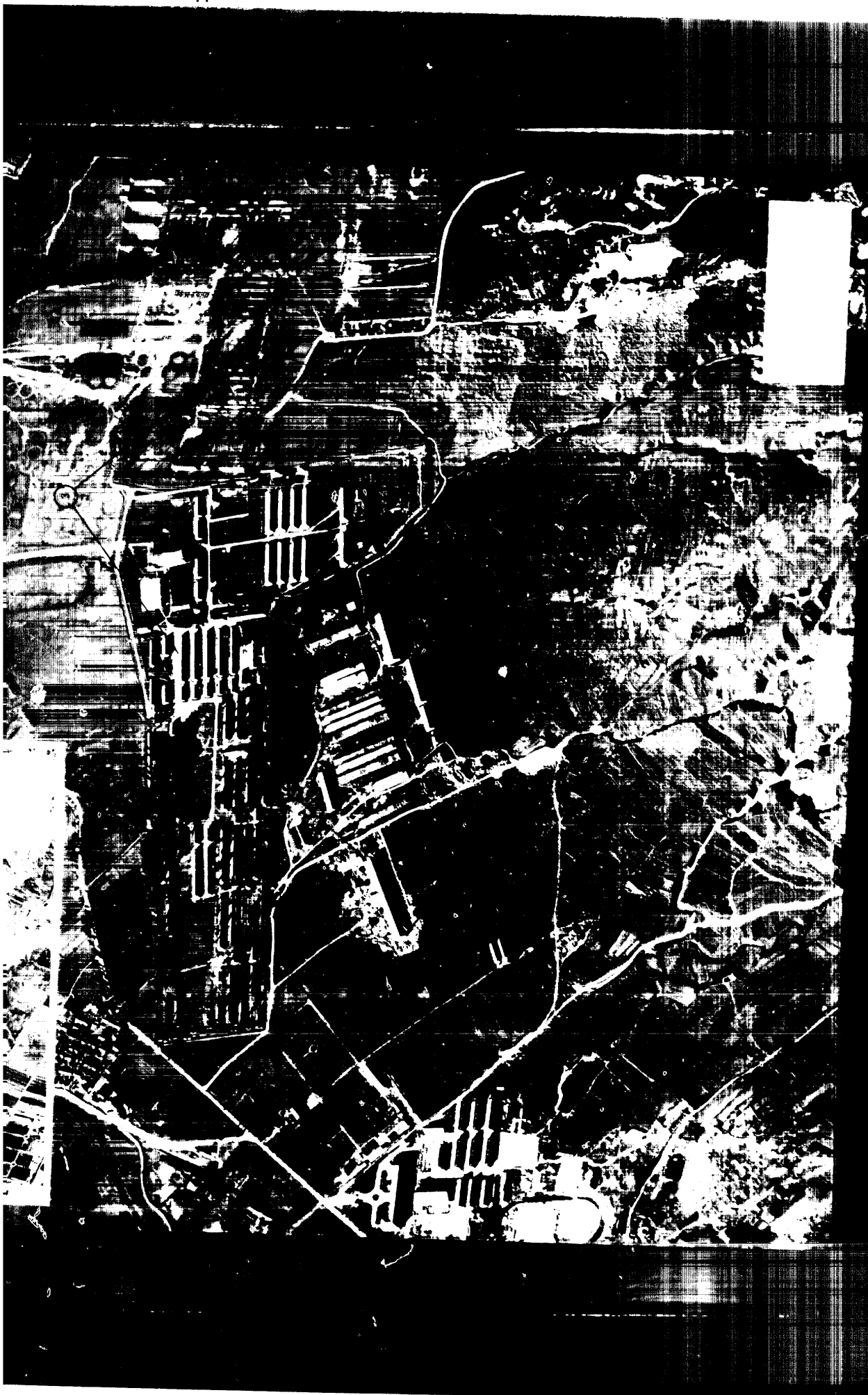


















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